

AN 100:7724 HCA

TI Polyolefin compositions

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CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP--58049736	A2	19830324	1981JP-0146278	19810918
PRAI 1981JP-0146278		19810918		

AB Polyolefin compns. having excellent mech. strength, coating receptivity, and compatibility with other materials contain 0.05-40% maleated polypropylene (grafted maleic anhydride content 13-50%). Thus, a grafted Noblen BC-3B (polypropylene block copolymer) was prep'd. contg. bonded maleic anhydride content 17.7%. An 85:15 blend of Noblen BC-3B and the graft polymer was coated with an acrylic-urethane compn. to give cross-cut adhesion 100/100. A specimen from Noblen MA 3 79.5, the graft polymer 0.5, and glass fiber 20 parts had tensile strength 790 kg/cm<sup>2</sup>, bending strength 910 kg/cm<sup>2</sup>, and Izod impact strength 10.2 kg-cm/cm.

IT Glass fibers, uses and miscellaneous

RL: USES (Uses)

(propylene polymer blends reinforced with)

IT Plastics, reinforced

RL: USES (Uses)

(glass fiber-, propylene polymer blends)

IT 9003-07-0

RL: USES (Uses)

(blends with maleated propylene polymers, with improved mech. strength and coating receptivity)

IT 25722-45-6 31069-12-2

RL: USES (Uses)

(graft, polyolefin blends, with improved mech. strength and coating receptivity)

IT 9002-88-4 9010-79-1

RL: USES (Uses)

(maleated propylene polymer blends, with improved mech. strength and coating receptivity)